

Title (en)

Gravel pack apparatus having actuated valves

Title (de)

Kiesverpackungsvorrichtung mit betätigten Ventilen

Title (fr)

Appareil de garnissage de gravier comportant des soupapes actionnées

Publication

EP 2725188 A3 20140730 (EN)

Application

EP 13190286 A 20131025

Priority

- US 201213661710 A 20121026
- US 201313738713 A 20130110

Abstract (en)

[origin: EP2725188A2] A device and method allows a bore valve in a washpipe of a crossover tool and in certain instances a port valve or sliding sleeve to open or close upon command from the surface so that gravel slurry may be placed in a wellbore around a wellscreen.

IPC 8 full level

E21B 43/04 (2006.01); **E21B 34/14** (2006.01)

CPC (source: BR EP US)

E21B 33/10 (2013.01 - EP US); **E21B 33/12** (2013.01 - US); **E21B 33/1208** (2013.01 - EP US); **E21B 34/06** (2013.01 - BR EP US); **E21B 43/045** (2013.01 - BR EP US); **E21B 43/08** (2013.01 - US); **E21B 2200/04** (2020.05 - US); **E21B 2200/06** (2020.05 - EP US)

Citation (search report)

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- [X] WO 2009015109 A1 20090129 - SCHLUMBERGER CA LTD [CA], et al
- [A] WO 2008070271 A2 20080612 - SCHLUMBERGER CA LTD [CA], et al
- [A] WO 2012037646 A1 20120329 - PACKERS PLUS ENERGY SERV INC [CA], et al
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- [A] EP 0482930 A2 19920429 - BAKER HUGHES INC [US]
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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2725188 A2 20140430; EP 2725188 A3 20140730; EP 2725188 B1 20190320; AU 2013248172 A1 20140515; AU 2013248172 B2 20151105; BR 102013027600 A2 20141223; BR 102013027600 A8 20170711; BR 102013027600 B1 20210112; BR 122020022191 B1 20210202; CA 2830393 A1 20140426; CA 2830393 C 20160726; EP 3521553 A2 20190807; EP 3521553 A3 20191113; US 10280718 B2 20190507; US 2014116693 A1 20140501; US 2016356129 A1 20161208; US 9441454 B2 20160913

DOCDB simple family (application)

EP 13190286 A 20131025; AU 2013248172 A 20131017; BR 102013027600 A 20131025; BR 122020022191 A 20131025; CA 2830393 A 20131018; EP 19162389 A 20131025; US 201313738713 A 20130110; US 201615242515 A 20160820